Applicant: Michael Karpusas Docket No. A062US
Application No.: 09/826,716 Filed: April 5, 2001

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## In the Claims:

1.-19. (cancelled)

- 20. (currently amended): A method <u>comprising</u> for evaluating the ability of a chemical entity to associate with an I-domain of the  $\alpha$ 1 chain of the  $\alpha$ 1 $\beta$ 1 integrin, or a complex comprising an  $\alpha$ 1 $\beta$ 1 integrin, or homologs thereof, said method comprising the steps of wherein:
- (a) crystallographic coordinates of the I-domain of the  $\alpha 1$  chain of the  $\alpha 1\beta 1$  integrin, or a complex comprising an  $\alpha 1\beta 1$  integrin, or homologs thereof, are employed computationally or experimentally employing computational or experimental means to perform a fitting operation between the chemical entity and said  $\alpha 1\beta 1$  integrin I-domain or complex thereof, thereby obtaining data related to said association; and (b) analyzing the data obtained in step (a) is analyzed to determine the characteristics of evaluate the association between the chemical entity and an I-domain of the  $\alpha 1$  chain of the  $\alpha 1\beta 1$  integrin, or a complex comprising an  $\alpha 1\beta 1$  integrin, or homologs thereof said at least a portion of  $\alpha 1\beta 1$  integrin or I-domain or complex.

21.-33. (cancelled).